

FIG. 1a

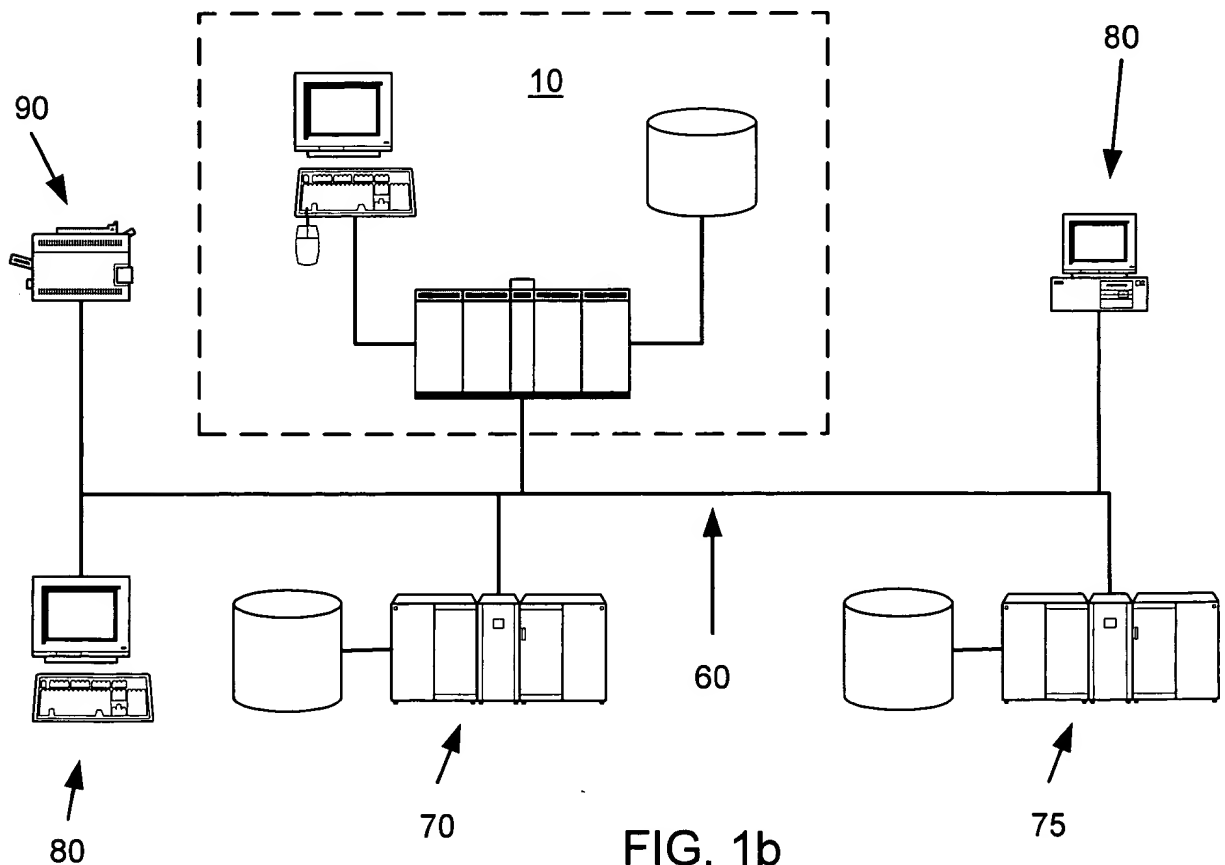


FIG. 1b

002004-33066968

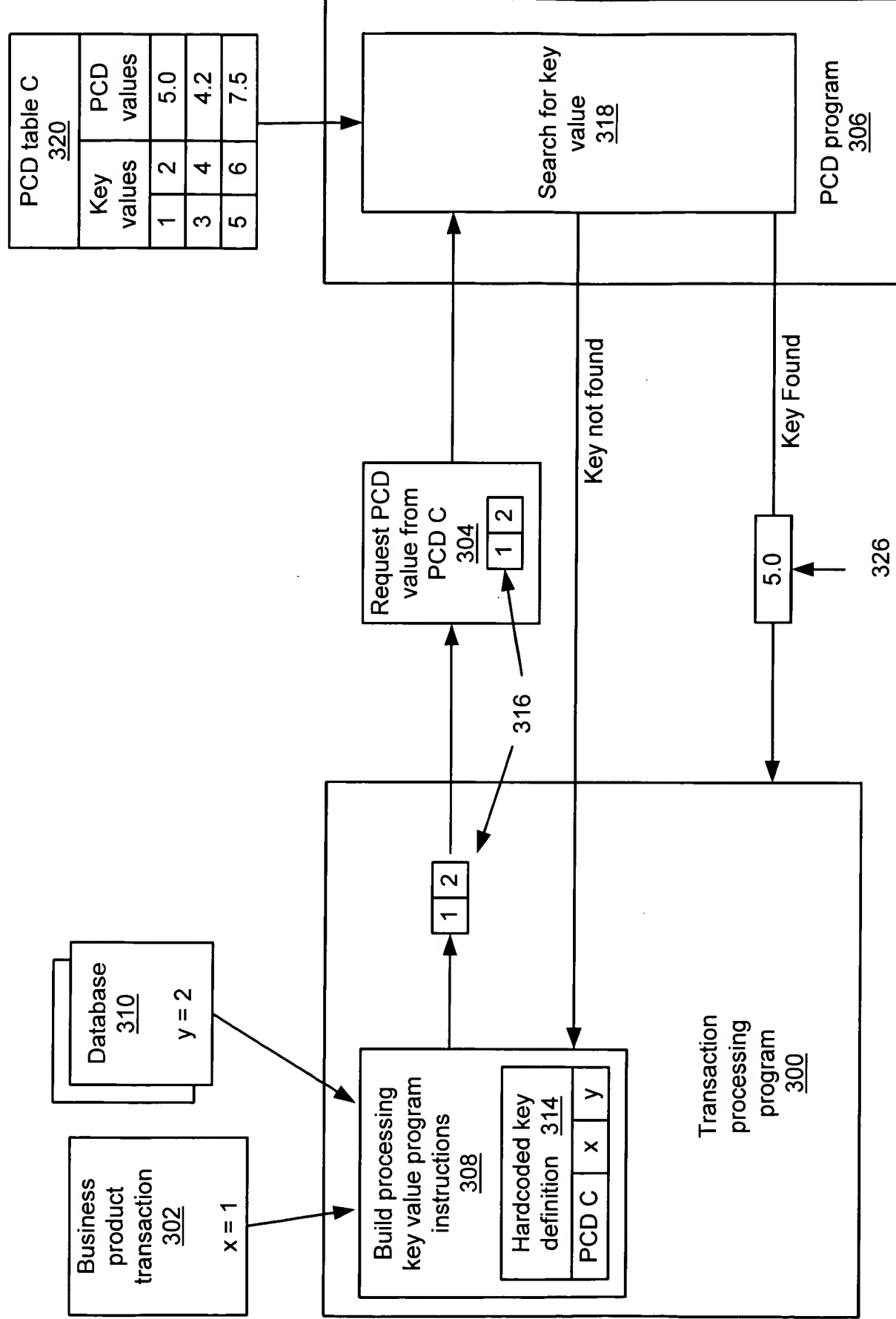
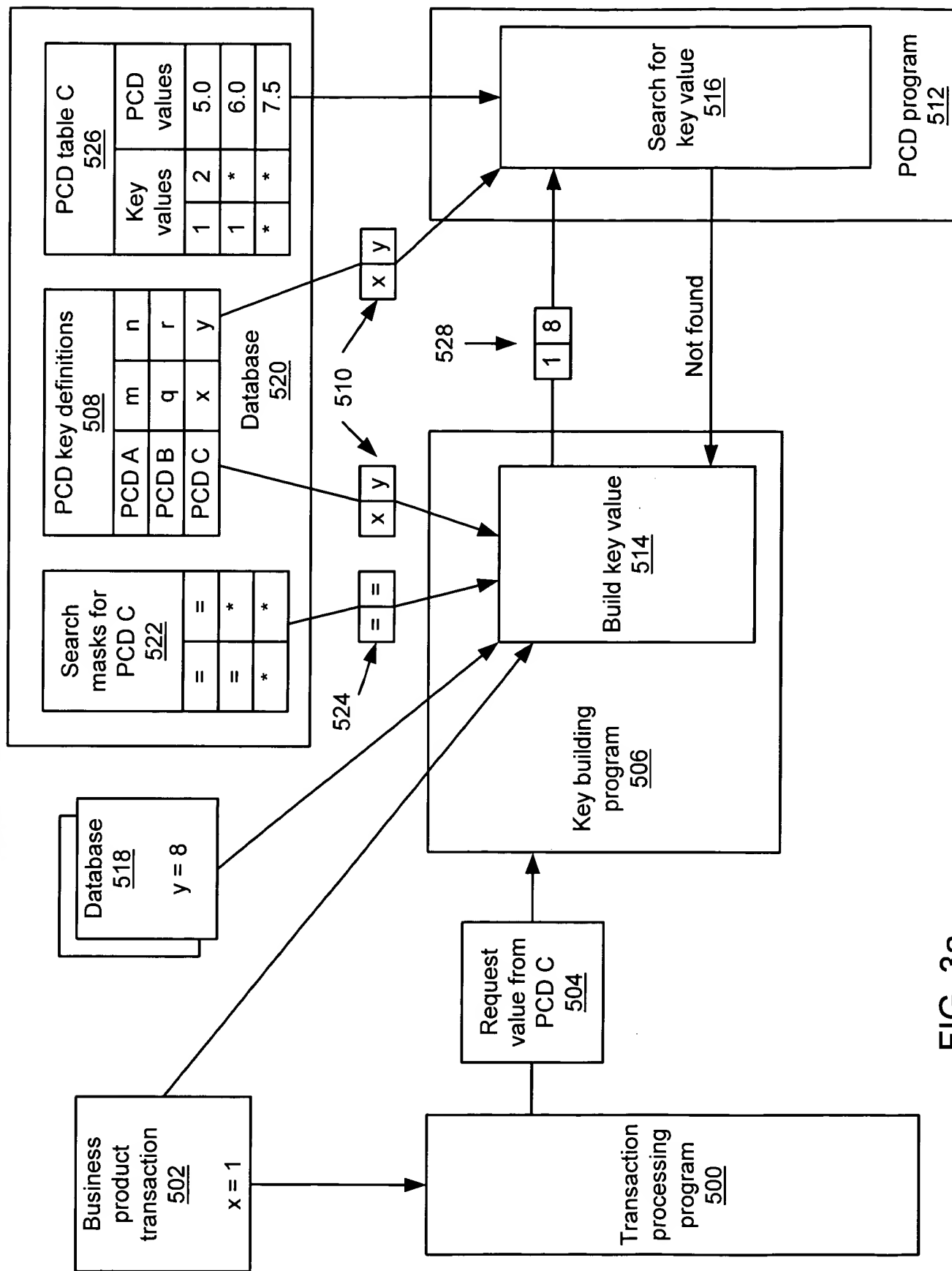
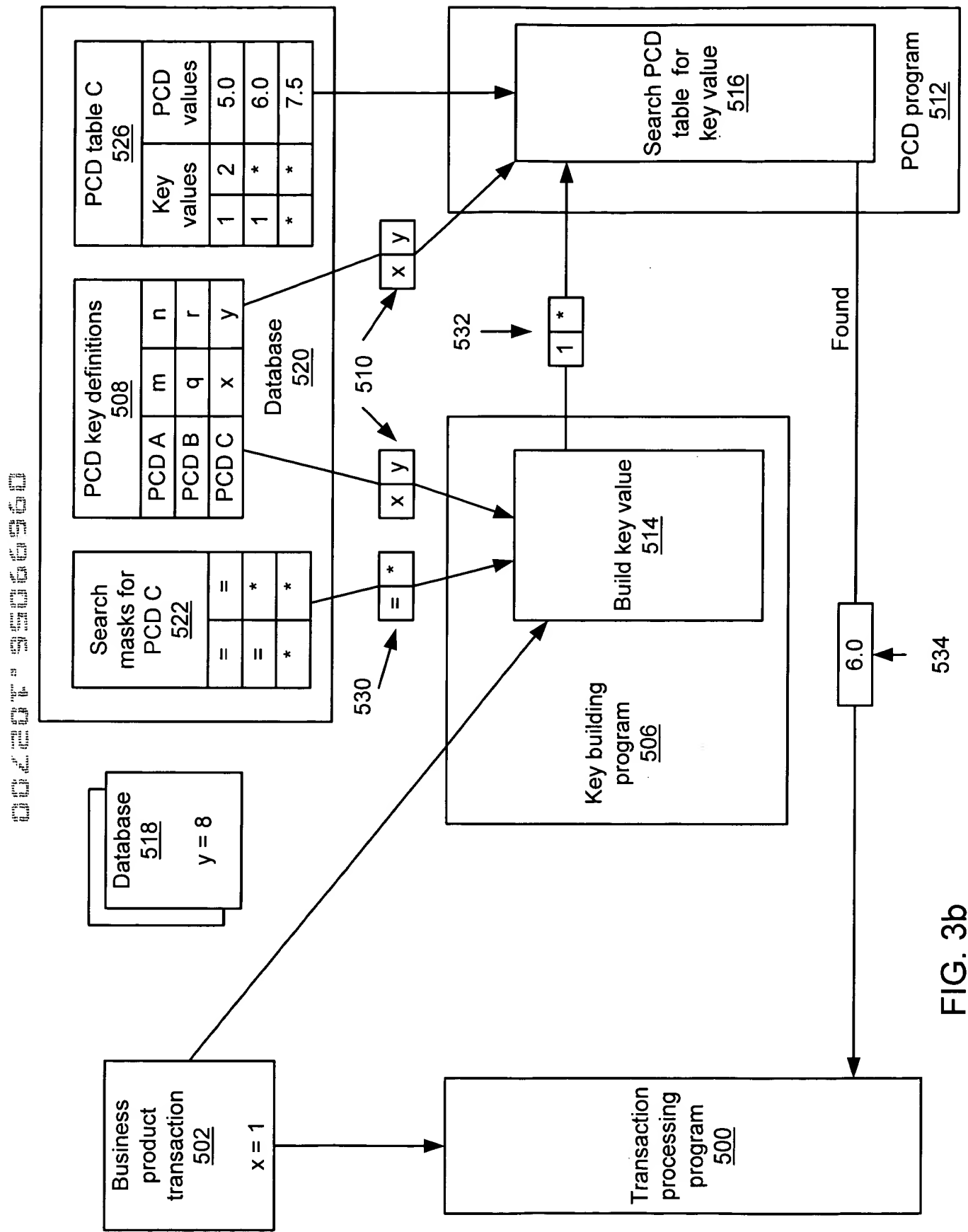


FIG. 2 - Prior Art

[illegible]

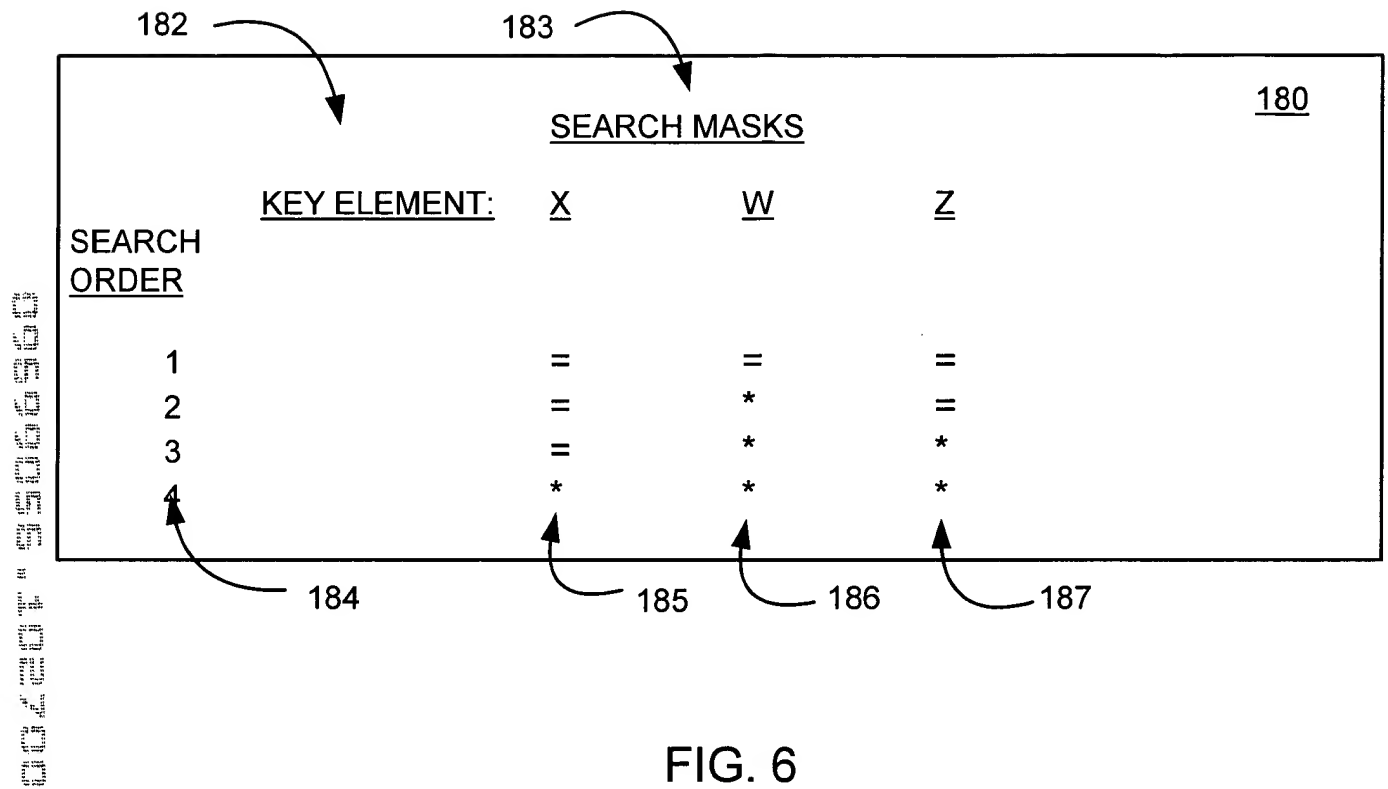


<u>KEY ELEMENT</u>	<u>KEY ELEMENT SEQUENCE</u>	<u>ELEMENT NAME</u>	<u>FIELD LENGTH</u>	<u>DATA TYPE</u>
X	1	COMPANY ID	2	NUMERIC
W	2	CREDIT CARD TYPE	3	CHARACTER
Z	3	ON US/NOT ON US	1	CHARACTER

FIG. 4

<u>ROW</u>	<u>KEY VALUES</u>			<u>PCD VALUES</u>
	<u>X</u>	<u>W</u>	<u>Z</u>	<u>TRANSACTION CHARGE</u>
1	12	VIS	Y	10
2	12	DIS	Y	8
3	12	*	*	12
4	12	*	Y	13
5	14	VIS	N	12
6	14	DIS	N	11
7	*	*	*	14

FIG. 5



PCD 1	User-defined key definition 1
PCD 2	User-defined key definition 2
PCD
PCD n	User-defined key definition n

FIG. 7

Diagram illustrating a table structure with labels 205, 206, and 208:

PCD 1	Search mask table 1
PCD 2	Search mask table 2
PCD
PCD n	Search mask table n

Label 205 points to the first column (PCD). Label 206 points to the first row (PCD 1). Label 208 points to the first row (Search mask table 1).

FIG. 8

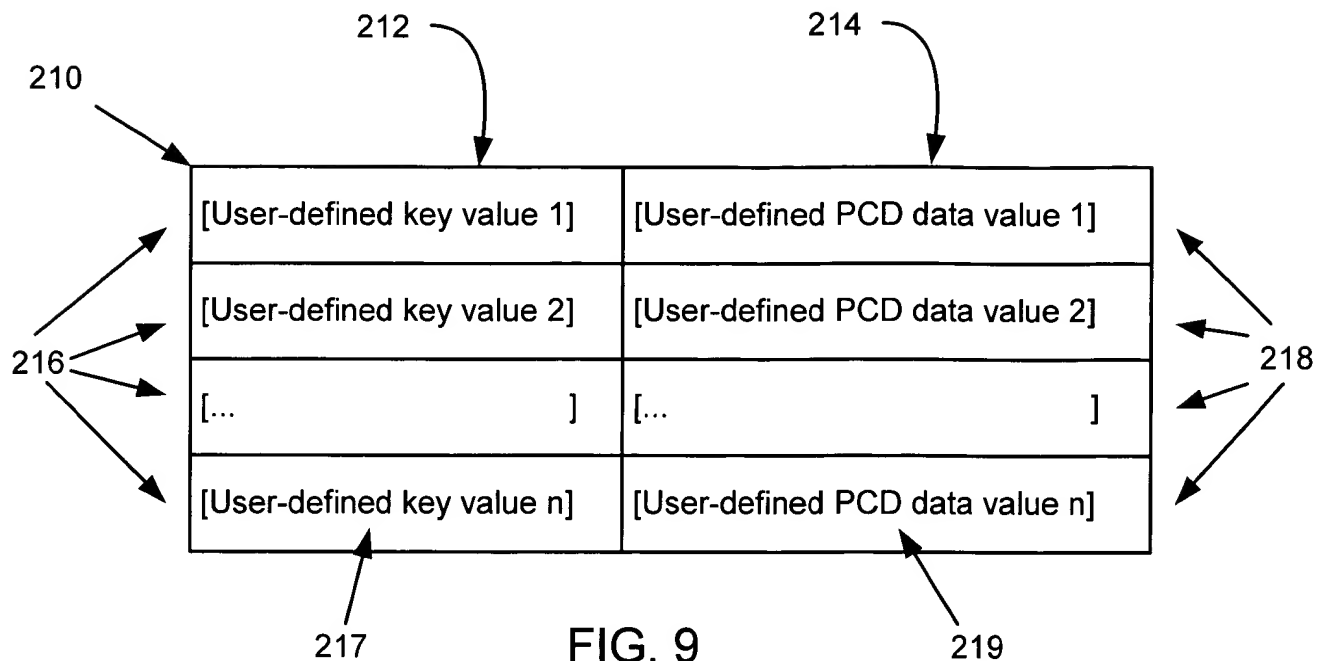


FIG. 9

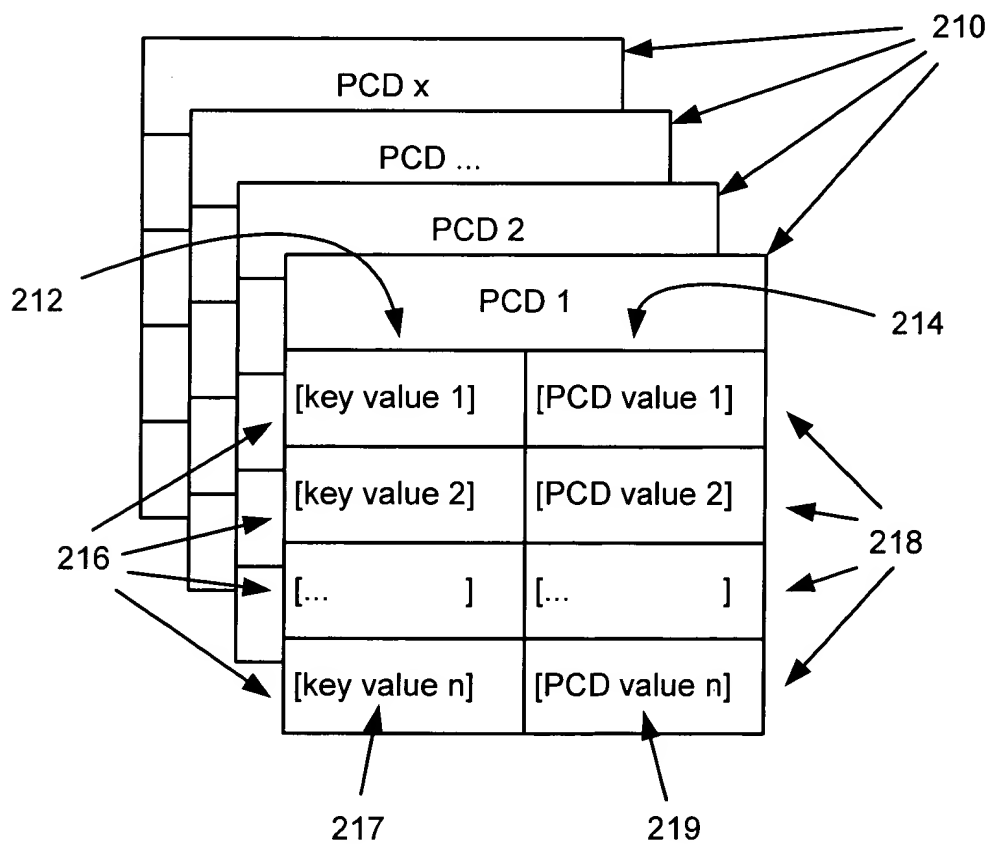


FIG. 10

004407 3306360

192	193	194	195		
	<u>PROCESSING KEY VALUES</u>			<u>PCD TABLE ROW</u>	<u>TRANSACTION CHARGE</u>
<u>KEY ELEMENT:</u>	<u>X</u>	<u>W</u>	<u>Z</u>		
SEARCH 1:	12	DIS	Y	2	8
SEARCH 2:	12	MSC	Y	-	-
	12	*	Y	4	13
SEARCH 3:	12	MSC	N	-	-
	12	*	N	-	-
	12	*	*	3	12
SEARCH 4:	14	MSC	N	-	-
	14	*	N	-	-
	14	*	*	-	-
	*	*	*	7	14
196	197	198	199		

FIG. 11

1940-1941	1942-1943	1944-1945	1946-1947	1948-1949	1950-1951	1952-1953	1954-1955	1956-1957	1958-1959	1960-1961	1962-1963	1964-1965	1966-1967	1968-1969	1970-1971	1972-1973	1974-1975	1976-1977	1978-1979	1980-1981	1982-1983	1984-1985	1986-1987	1988-1989	1990-1991	1992-1993	1994-1995	1996-1997	1998-1999	2000-2001	2002-2003	2004-2005	2006-2007	2008-2009	2010-2011	2012-2013	2014-2015	2016-2017	2018-2019	2020-2021	2022-2023	2024-2025	2026-2027	2028-2029	2030-2031	2032-2033	2034-2035	2036-2037	2038-2039	2040-2041	2042-2043	2044-2045	2046-2047	2048-2049	2050-2051	2052-2053	2054-2055	2056-2057	2058-2059	2060-2061	2062-2063	2064-2065	2066-2067	2068-2069	2070-2071	2072-2073	2074-2075	2076-2077	2078-2079	2080-2081	2082-2083	2084-2085	2086-2087	2088-2089	2090-2091	2092-2093	2094-2095	2096-2097	2098-2099	2100-2101	2102-2103	2104-2105	2106-2107	2108-2109	2110-2111	2112-2113	2114-2115	2116-2117	2118-2119	2120-2121	2122-2123	2124-2125	2126-2127	2128-2129	2130-2131	2132-2133	2134-2135	2136-2137	2138-2139	2140-2141	2142-2143	2144-2145	2146-2147	2148-2149	2150-2151	2152-2153	2154-2155	2156-2157	2158-2159	2160-2161	2162-2163	2164-2165	2166-2167	2168-2169	2170-2171	2172-2173	2174-2175	2176-2177	2178-2179	2180-2181	2182-2183	2184-2185	2186-2187	2188-2189	2190-2191	2192-2193	2194-2195	2196-2197	2198-2199	2200-2201	2202-2203	2204-2205	2206-2207	2208-2209	2210-2211	2212-2213	2214-2215	2216-2217	2218-2219	2220-2221	2222-2223	2224-2225	2226-2227	2228-2229	2230-2231	2232-2233	2234-2235	2236-2237	2238-2239	2240-2241	2242-2243	2244-2245	2246-2247	2248-2249	2250-2251	2252-2253	2254-2255	2256-2257	2258-2259	2260-2261	2262-2263	2264-2265	2266-2267	2268-2269	2270-2271	2272-2273	2274-2275	2276-2277	2278-2279	2280-2281	2282-2283	2284-2285	2286-2287	2288-2289	2290-2291	2292-2293	2294-2295	2296-2297	2298-2299	2300-2301	2302-2303	2304-2305	2306-2307	2308-2309	2310-2311	2312-2313	2314-2315	2316-2317	2318-2319	2320-2321	2322-2323	2324-2325	2326-2327	2328-2329	2330-2331	2332-2333	2334-2335	2336-2337	2338-2339	2340-2341	2342-2343	2344-2345	2346-2347	2348-2349	2350-2351	2352-2353	2354-2355	2356-2357	2358-2359	2360-2361	2362-2363	2364-2365	2366-2367	2368-2369	2370-2371	2372-2373	2374-2375	2376-2377	2378-2379	2380-2381	2382-2383	2384-2385	2386-2387	2388-2389	2390-2391	2392-2393	2394-2395	2396-2397	2398-2399	2400-2401	2402-2403	2404-2405	2406-2407	2408-2409	2410-2411	2412-2413	2414-2415	2416-2417	2418-2419	2420-2421	2422-2423	2424-2425	2426-2427	2428-2429	2430-2431	2432-2433	2434-2435	2436-2437	2438-2439	2440-2441	2442-2443	2444-2445	2446-2447	2448-2449	2450-2451	2452-2453	2454-2455	2456-2457	2458-2459	2460-2461	2462-2463	2464-2465	2466-2467	2468-2469	2470-2471	2472-2473	2474-2475	2476-2477	2478-2479	2480-2481	2482-2483	2484-
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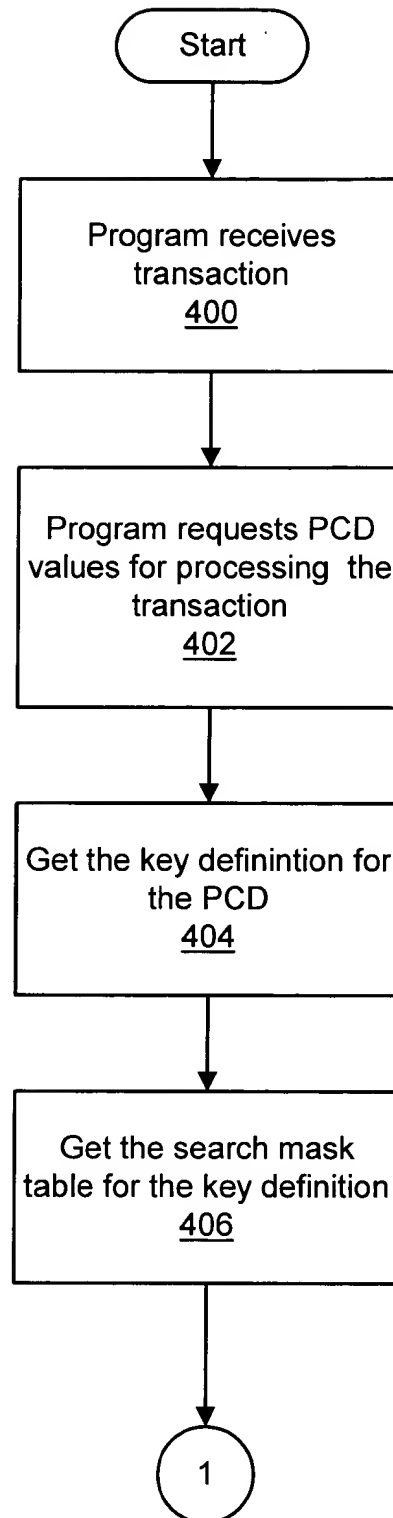


FIG. 12a

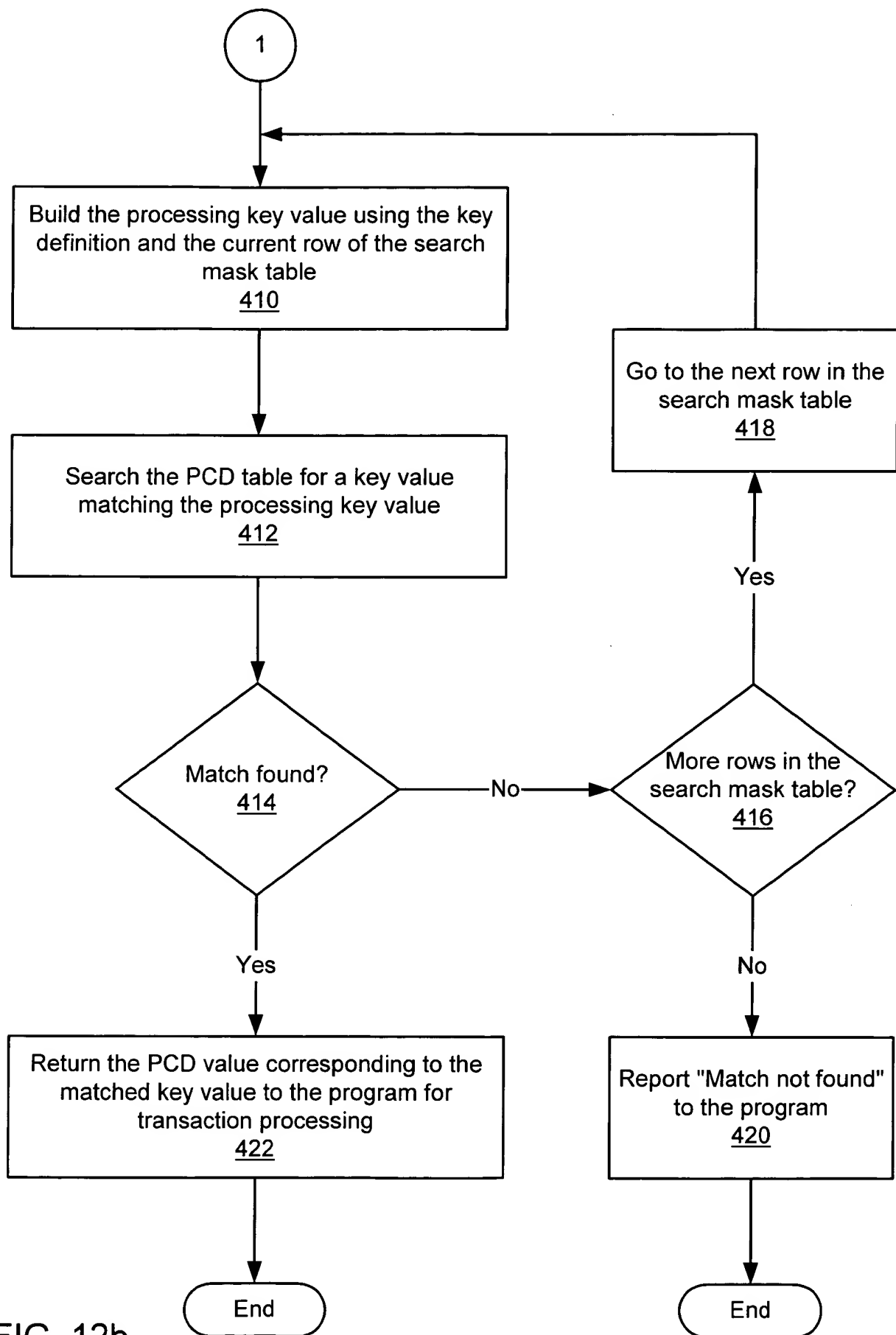


FIG. 12b

410

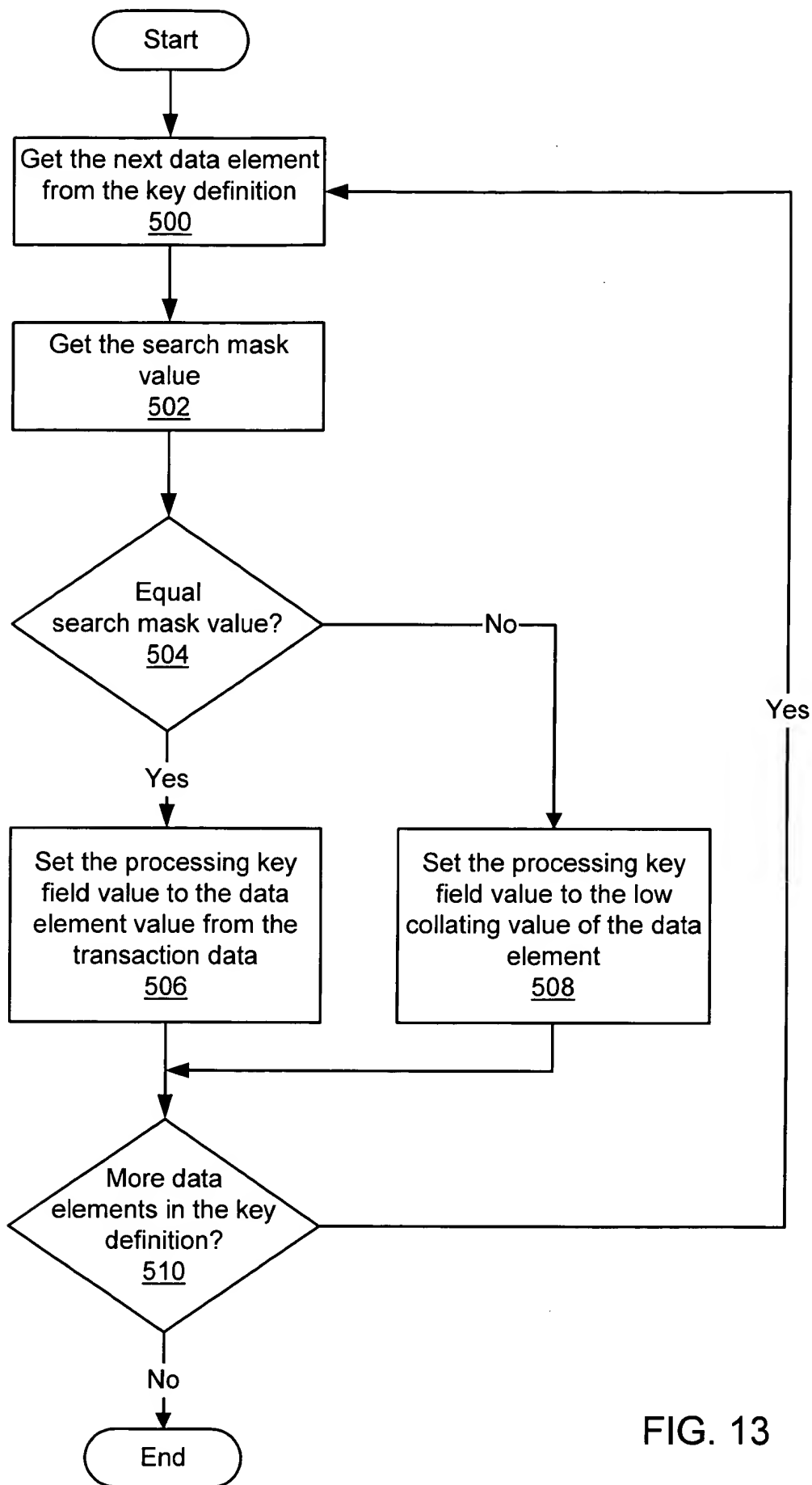


FIG. 13